

Jadual(Table) 38.1

MALAYSIA

ANGGARAN PENGELUARAN BENIH DAN REGA IKAN AIR TAWAR DARI PUSAT PEMBAIKBIK IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIS, 2008

ESTIMATED PRODUCTION OF FRESHWATER FISH FRIES AND HATCHLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2008

(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Spesis (Species) Pusat Pembaikbiak (Hatchery)	Rega/Hatchling Benih/Fry	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Tilapia Nilotika Tilapia Nilotica	Tilapia Merah Red Tilapia	Kap Kepala Besar Big Head Carp	Jelawat River Carp	Keli Freshwater Catfish	Baung River Catfish	Lain-Lain Others	Jumlah Total
PPAT Bukit Tinggi, Pahang	Rega/Hatchling	0	0	0	0	0	0	0	770,000	0	0	770,000
	Benih/Fry	177,450	0	0	0	87,400	0	0	0	0	0	264,850
PPA Jitra, Kedah	Rega/Hatchling	0	0	0	0	0	0	0	2,150,000	0	0	2,150,000
	Benih/Fry	0	0	0	0	216,838	0	0	1,237,291	0	46,800	1,500,929
PIH Enggor, Perak	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	0	0	0	0	0	0	0	0	0	10,262	10,262
*PPPAT Glami Lemi, Negeri Sembilan	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	0	0	0	0	0	0	0	0	0	0	0
PPA Machang, Kelantan	Rega/Hatchling	0	0	0	0	0	0	0	100,000	0	0	100,000
	Benih/Fry	0	0	0	0	92,350	0	0	440,000	0	125,000	657,350
PPA Tapah, Perak	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	915,265	0	0	20,100	649,515	0	0	12,297	0	0	1,597,177
PPD Banding, Perak	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	0	0	0	0	0	0	0	189,740	74,000	591,050	854,790
PPA Jerantut, Pahang	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	0	0	0	0	0	0	6,900	117,800	21,100	854,674	1,000,474
Sarawak	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	1,321,067	454,830	0	0	367,469	0	956,123	400,091	82,310	508,712	4,090,602
Sabah	Rega/Hatchling	0	0	0	0	0	0	0	0	0	0	0
	Benih/Fry	75,900	69,880	0	1,313,342	2,290,906	0	0	5,000		38,392	3,793,420
Jumlah/Total	Rega/Hatchling	0	0	0	0	0	0	0	3,020,000	0	0	3,020,000
	Benih/Fry	2,489,682	524,710	0	1,333,442	3,704,478	0	963,023	2,402,219	177,410	2,174,890	13,769,854

* PPPAT Glami Lemi hanya menumpukan aktiviti penyelidikan sahaja

PPPAT Glami Lemi focus only on research activities

Jadual(Table) 38.2

MALAYSIA

ANGGARAN PENGELUARAN BENIH UDANG AIR PAYAU/MASIN DAN UDANG GALAH DARI PUSAT KERAJAAN MENGIKUT PUSAT DAN SPESIS, 2008

ESTIMATED PRODUCTION OF BRACKISHWATER AND GIANT FRESHWATER PRAWN FRIES FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2008

(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Spesis (Species) Pusat Penetasan (Hatchery)	Pengeluaran (Ekor) Production (Pieces)							
	Udang Harimau Tiger Prawn		Udang Putih Banan Prawn		Udang Galah Giant Freshwater Prawn		Jumlah Total	
	Nauplii Nauplii	Benih Fry	Nauplii Nauplii	Benih Fry	Nauplii Nauplii	Benih Fry	Nauplii Nauplii	Benih Fry
PPUG Kg. Acheh, Perak	0	0	0	0	0	2,810,800	0	2,810,800
PPIUL Tg. Demong, Terengganu	0	0	0	0	0	0	0	0
PPPBUK Kg. Pulau Sayak, Kedah	10,375,000	894,900	0	415,780	7,937,000	93,500	18,312,000	1,404,180
*PPTAP Gelang Patah, Johor/Johore	0	0	0	0	0	0	0	0
Sarawak	0	7,729,303	0	0	0	4,069,500	0	11,798,803
Sabah	0	0	0	0	0	0	0	0
Jumlah/Total	10,375,000	8,624,203	0	415,780	7,937,000	6,973,800	18,312,000	16,013,783

* PPTAP Gelang Patah hanya menumpukan aktiviti kajian ikan dan udang sahaja

PPTAP Gelang Patah focus only on fish and prawn research activities

Jadual(Table) 38.3

MALAYSIA

ANGGARAN PENGELUARAN BENIH DAN REGA IKAN AIR PAYAU/MASIN DARI PUSAT PEMBAIKBIK IKAN KERAJAAN MENGIKUT PUSAT DAN SPESIS, 2008

ESTIMATED PRODUCTION OF BRACKISHWATER FISH FRIES AND HATCHLINGS FROM GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 2008

(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Spesis (Species) Pusat Penetasan (Hatchery)	Regal/Hatchling Benih/Fry	Pengeluaran (Ekor) Production (Pieces)						
		Kerapu Grouper	Siakap Barramundi	Siakap Merah Mangrove Red Snapper	Siput Sudu Mussels	Tiram Oysters	Lain-lain Others	Jumlah Total
PPUG Kg. Aceh, Perak	Regal/Hatchling	0	0	0	0	0	0	0
	Benih/Fry	0	0	0	0	0	0	0
PPIUL Tg. Demong, Terengganu	Regal/Hatchling	93,810,000	39,500	0	0	0	0	93,849,500
	Benih/Fry	0	0	0	0	0	0	0
PPPBUK Kg. Pulau Sayak, Kedah	Regal/Hatchling	21,180,000	5,680,000	0	25,363,500	0	0	52,223,500
	Benih/Fry	7,000	130,869	0	419,102	0	59,000	615,971
*PPTAP Gelang Patah, Johor/Johore	Regal/Hatchling	0	0	0	0	0	0	0
	Benih/Fry	0	0	0	0	0	0	0
Sarawak	Regal/Hatchling	0	0	0	0	0	0	0
	Benih/Fry	0	1,232,000	0	0	0	0	1,232,000
Pusat Pembenihan Perikanan Sabah, Tg. Badak, Tuaran	Regal/Hatchling	0	0	0	0	0	0	0
	Benih/Fry	108,182	0	0	0	0	0	108,182
Jumlah/Total	Regal/Hatchling	114,990,000	5,719,500	0	25,363,500	0	0	146,073,000
	Benih/Fry	115,182	1,362,869	0	419,102	0	59,000	1,956,153

* PPTAP Gelang Patah hanya menumpukan aktiviti kajian ikan dan udang sahaja

PPTAP Gelang Patah focus only on fish and prawn research activities

MALAYSIA

BILANGAN DAN ANGGARAN PENGELUARAN PUSAT PEMBAIKBIK BENIH DAN REGA IKAN AIR PAYAU SWASTA MENGIKUT NEGERI, 2008

NUMBER AND ESTIMATED PRODUCTION OF PRIVATE BRACKISHWATER FISH FRIES AND HATCHLINGS HATCHERY BY STATE, 2008

Negeri State	Bilangan Numbers	Rega/Benih Hatchling/Fry	Pengeluaran (Ekor) Production (Pieces)							
			Kerapu Grouper	Jenahak John's Snapper	Siakap Barramundi	Siakap Merah Mangrove Red Snapper	Siput Sudu Mussels	Tiram Oysters	Lain Lain Others	Jumlah Total
Perlis	0	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	0	0	0	0	0	0
Kedah	1	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	3,000,000	0	0	0	0	3,000,000
Pulau Pinang/Penang	4	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	200,000	1,000,000	1,200,000	0	0	50,000	150,000	2,600,000
Perak	3	Rega/Hatchling	10,000,000	0	16,000,000	0	0	0	0	26,000,000
		Benih/Fry	72,000	645,000	0	0	0	0	0	717,000
Selangor	1	Rega/Hatchling	0	0	7,500	0	0	0	0	7,500
		Benih/Fry	0	0	25,900	2,500	0	0	7,500	35,900
Negeri Sembilan	0	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	0	0	0	0	0	0
Melaka/Malacca	0	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	0	0	0	0	0	0
Johor/Johore	3	Rega/Hatchling	0	2,297,000	15,500,000	0	0	0	0	17,797,000
		Benih/Fry	0	124,300	2,627,000	0	0	0	0	2,751,300
Pahang	1	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	22,000	0	0	0	0	22,000
Terengganu	54	Rega/Hatchling	0	0	199,036,000	0	0	0	0	199,036,000
		Benih/Fry	0	0	7,327,300	0	0	0	406,600	7,733,900
Kelantan	22	Rega/Hatchling	0	0	172,000,000	0	0	0	0	172,000,000
		Benih/Fry	2,500	0	55,000	0	0	0	0	57,500
Sarawak	n.a.	Rega/Hatchling	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Benih/Fry	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sabah	8	Rega/Hatchling	0	0	0	0	0	0	0	0
		Benih/Fry	273,188	0	440,705	0	0	0	43,100	756,993
Jumlah/Total	97	Rega/Hatchling	10,000,000	2,297,000	402,543,500	0	0	0	0	414,840,500
		Benih/Fry	547,688	1,769,300	14,697,905	2,500	0	50,000	607,200	17,674,593

n.a. : Tiada maklumat (no information available)

Jadual (Table) 38.5

MALAYSIA

BILANGAN DAN ANGGARAN PENGELUARAN PUSAT PEMBAIKBIK BENIH DAN NAUPLII UDANG SWASTA MENGIKUT NEGERI, 2008

NUMBER AND ESTIMATED PRODUCTION OF PRIVATE PRAWN FRIES AND NAUPLII HATCHERIES BY STATE, 2008

Negeri State	Bilangan Numbers	Pengeluaran (Juta Ekor) Production (Million Pieces)								
		Udang Harimau		Udang Putih		Udang Vannamei		Bilangan Numbers	Udang Galah	
		Nauplii Nauplii	Benih Fry	Nauplii Nauplii	Benih Fry	Nauplii Nauplii	Benih Fry		Rega Larvae	Benih Juvenile
Perlis	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Kedah	1	0.00	400.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Pulau Pinang/Penang	10	0.00	286.10	0.00	964.40	800.00	823.00	2	0.00	10.00
Perak	13	90.70	48.70	459.88	379.02	0.00	0.00	14	0.00	6.67
Selangor	5	0.00	393.00	2.50	5.65	0.00	0.00	0	0.00	0.00
Negeri Sembilan	0	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.02
Melaka/Malacca	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Johor/Johore	7	177.00	161.00	0.00	0.00	504.00	1,001.16	0	0.00	0.00
Pahang	3	0.00	176.88	2,182.30	336.21	0.00	0.00	0	0.00	0.00
Terengganu	1	0.00	170.03	0.00	125.00	0.00	0.00	0	0.00	0.00
Kelantan	3	0.00	0.05	0.00	0.80	0.00	0.00	0	0.00	0.00
Sarawak	8	0.00	43.06	0.00	289.53	0.00	0.00	0	0.00	0.00
Sabah	5	0.00	59.00	0.00	169.11	0.00	0.00	0	0.00	0.00
Jumlah/Total	56	267.70	1,737.82	2,644.68	2,269.72	1,304.00	1,824.16	17	0.00	16.69

MALAYSIA

BILANGAN DAN ANGGARAN PENGELUARAN PUSAT PEMBAIKIAK BENIH DAN REGA IKAN AIR TAWAR SWASTA MENGIKUT NEGERI, 2008

NUMBER AND ESTIMATED PRODUCTION OF PRIVATE FRESHWATER FISH FRIES AND HATCHLINGS HATCHERIES BY STATE, 2008

Negeri State	Bilangan Numbers	Rega/Benih Hatchling/Fry	Pengeluaran (Ekor) Production (Pieces)								
			Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Patin River Catfish	Tilapia Merah Red Tilapia	Keli River Catfish	Kap Rumput Grass Carp	Pelbagai Others	Jumlah Total
Perlis	6	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	0	0	130,000	3,500,000	0	100,000	3,730,000
Kedah	5	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	0	0	250,000	50,000,000	0	0	50,250,000
Pulau Pinang/Penang	4	Rega/Hatchling	0	0	0	0	0	23,500,000	0	0	23,500,000
		Benih/Fry	0	0	0	0	0	46,980,000	0	0	46,980,000
Perak	6	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	8,380,000	10,001,500	0	0	9,813,000	19,077,000	11,400	8,765,100	56,048,000
Selangor	15	Rega/Hatchling	0	0	0	96,000,000	0	117,000,000	0	50,400,000	263,400,000
		Benih/Fry	605,000	1,983,000	27,000	0	29,902,000	223,070,000	0	5,345,000	260,932,000
Negeri Sembilan	17	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	22,000	238,040	63,500	0	11,715,610	20,712,517	20,000	1,393,990	34,165,657
Melaka/Malacca	7	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	15,000	120,000	0	342,000	1,147,000	37,575,000	149,000	298,000	39,646,000
Johor/Johore	2	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	0	0	0	0	0	90,000,000	0	0	90,000,000
Pahang	14	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	130,000	0	0	1,842,000	3,150,600	2,663,900		470,000	8,256,500
Terengganu	13	Rega/Hatchling	0	0	0	0	0	60,000	0	0	60,000
		Benih/Fry	0	0	0	0	365,900	2,180,000	0	0	2,545,900
Kelantan	22	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	111,050	95,925	0	0	338,960	3,935,500	0	105,100	4,586,535
Sarawak	n.a.	Rega/Hatchling	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Benih/Fry	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sabah	10	Rega/Hatchling	0	0	0	0	0	0	0	0	0
		Benih/Fry	66,000	110,750	0		485,400	461,700	0	50,000	1,173,850
Jumlah/Total	121	Rega/Hatchling	0	0	0	96,000,000	0	140,560,000	0	50,400,000	286,960,000
		Benih/Fry	9,329,050	12,549,215	90,500	2,184,000	57,298,470	500,155,617	180,400	16,527,190	598,314,442

n.a. : Tiada maklumat (no information available)

Jadual (Table) 38.7

MALAYSIA

PEMBAHAGIAN BENIH IKAN AIR TAWAR UNTUK KEGUNAAN PELBAGAI DAN PELEPASAN KE PERAIRAN UMUM MENGIKUT NEGERI DAN SPESIS, 2008
DISTRIBUTION OF FRESHWATER FISH FRIES FOR MISCELLANEOUS PURPOSES AND RELEASED INTO PUBLIC WATERBODIES BY STATE AND SPECIES, 2008
(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Negeri State	Kegunaan Pelbagai/Miscellaneous							Pelepasan Ke Perairan Umum/Released Into Public Waters						Jumlah Kecil Sub Total	Jumlah Besar Grand Total
	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Keli Freshwater Catfish	Tilapia Hitam Black Tilapia	Tilapia Merah Red Tilapia	Pelbagai Others	Jumlah Kecil Sub Total	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Udang Galah Giant Fresh- water Prawn	Tilapia Merah Red Tilapia	Baung River Catfish	Pelbagai Others		
Perlis	0	0	4,000	0	206,000	0	210,000	0	0	0	94,000	0	0	94,000	304,000
Kedah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pulau/ Pinang/Penang	0	0	0	0	0	0	0	0	0	0	0	0	18,300	18,300	18,300
Perak	16,500	0	125,640	0	15,750	4,250	162,140	536,000	0	123,000	0	52,000	316,000	1,027,000	1,189,140
Selangor	0	0	0	0	0	0	0	0	0	0	0	0	3,000	3,000	3,000
N. Sembilan	0	0	0	0	0	0	0	40,000	0	122,000	0	0	20,000	182,000	182,000
Melaka/Malacca	0	0	0	0	0	0	0	0	0	50,000	0	0	0	50,000	50,000
Johor/Johore	0	13,700	0	0	150	0	13,850	0	0	0	0	0	3,000	3,000	16,850
Pahang	0	0	0	0	0	123,570	123,570	0	0	0	0	9,000	430,454	439,454	563,024
Terengganu	0	0	0	0	0	0	0	0	0	0	0	0	400,000	400,000	400,000
Kelantan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarawak	0	0	0	0	0	0	0	46,500	0	220,000	0	0	5,271,655	5,538,155	5,538,155
Sabah	0	0	0	8,750	67,900	0	76,650	0	0	0	50,390	0	11,030	61,420	138,070
Jumlah/Total	16,500	13,700	129,640	8,750	289,800	127,820	586,210	622,500	0	515,000	144,390	61,000	6,473,439	7,816,329	8,402,539

MALAYSIA
PEMBAHAGIAN BENIH IKAN AIR TAWAR KEPADA PENTERNAK MENGIKUT NEGERI DAN SPESIS IKAN, 2008
DISTRIBUTION OF FRESHWATER FISH FRIES TO CULTURISTS BY STATE AND SPECIES, 2008
(KUANTITI DALAM EKOR / QUANTITY IN PIECES)

Negeri State	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Sepat Siam Snakeskin Gouramy	Patin River Catfish	Udang Galah Giant Fresh- water Prawn	Tilapia Merah Red Tilapia	Keli River Catfish	Kap Rumput Grass Carp	Pelbagai Others	Jumlah Total
Perlis	0	0	0	0	0	206,000	4,000	0	0	210,000
Kedah	0	0	0	0	0	216,838	1,237,291	0	46,800	1,500,929
Pulau Pinang/Penang	0	0	0	0	0	0	0	0	0	0
Perak	362,265	0	0	0	827,500	615,015	170,037	0	57,950	2,032,767
Selangor	0	0	0	0	0	0	0	0	0	0
Negeri Sembilan	8,000	0	0	0	0	32,500	0	0	567,050	607,550
Melaka/Malacca	0	0	0	0	0	135,800	121,200	0	0	257,000
Johor/Johore	0	0	0	18,200	186,000	350,600	618,179	0	41,650	1,214,629
Pahang	0	0	0	76,150	0	0	107,800	0	152,520	336,470
Terengganu	0	0	0	11,000	0	164,500	46,000	0	4,900	226,400
Kelantan	111,050	95,925	0	0	212,000	338,960	3,935,500	0	105,100	4,798,535
Sarawak	1,201,135	481,270	0	0	0	331,918	389,476	0	8,066,301	10,470,100
Sabah	34,116	27,780	0	0	0	1,511,560	0	0	905,446	2,478,902
Jumlah/Total	1,716,566	604,975	0	105,350	1,225,500	3,903,691	6,629,483	0	9,947,717	24,133,282